GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA

UNSTARRED QUESTION NO:2665
ANSWERED ON:05.12.2002
POWER GENERATED FROM NCES
CHANDRESH PATEL KORDIA

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether the Government propose to develop non - conventional energy sources under various sectors to deal with the power crisis;

(b) if so, the proposed plans, projects and estimates in this regard;

(c) the quantum of power generated from biogas, solar energy, wind mills, sea water and other non-conventional energy sources in Jamnagar and other districts of Gujarat, Mumbai and Delhi since 1999 till date alongwith the expenditure incurred thereon;

(d) the amount spent on each source of power during each of the last three years; and

(e) the target fixed to generate power from these sources during the year 2003?

Answer

MINISTER OF STATE FOR NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN)

(a)&(b): The Ministry has proposed capacity addition of about 3075 MW from various non-conventional energy sources such as Solar, Wind, Biomass and Small Hydro Power, against which total funds of Rs.895.00 crores have been allocated for the10th Five Year Plan Period.

(c)&(d): The status of power generation from various non-conventional energy sources in the States of Gujarat, Maharashtra and Delhi, which includes various districts of these States and the details of funds provided during the last three years i.e. 1999-2000 to 2001-02, are given in the Annexure. Most of the capacity has been installed as commercial projects through private investments.

(e): A capacity addition of 400 MW from various non - conventional energy sources is envisaged during the current financial year 2002-03.

Annexure referred to in reply to parts (c) & (d) of Lok Sabha Unstarred Question No. 2665 for 5.12.2002 regarding Power Generation from NCES.

Details of Power Generation From Various Non Conventional Energy Sources in the States of Gujarat, Maharashtra & Delhi and Funds Provided by the Ministry during 1999-2000 to 2001-02.

A. Details of Power Generation

Sl.No.	Programme	Gujarat	Maharashtra	Delhi
1	Wind Power	-	370 MW	-
2	Biomass Power & Bagasse Co-generation	-	15.50 MW	-
3	Biomass Gasifier	7440 KW	700 KW	-
4	Solar Power	-	75 KW	10 KW
5	Small Hydro Power	-	29 MW	-
6	Waste-to-Energy	450 KW	900 KW	-

B. Details of Funds Provided (Rs. in crores)

Sl. No.	Programme	Gujarat			Maharashtra			Delhi		
		99-2000	2000-01	2001-02	99-2000	2000-01	2001-02	99-2000	2000-01	2001-02
1.	Wind Power	0.04	0.00	0.00	1.88	0.02	0.96	0.00	0.01	0.00
2.	Biomass Power & Bagasse Co-generation	0.13	0.06	0.32	6.05	0.74	0.07	0.07	0.05	0.10
3.	Biomass Gasifier	0.03	0.15	0.56	0.01	0.21	0.00	0.00	0.00	0.00
4.	Solar Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.	Small Hydro Power	0.00	0.00	0.00	0.34	0.01	1.25	0.00	0.00	0.00
6.	Waste-to-Energy	0.25	0.00	0.20	1.55	3.60	0.74	0.28	0.24	0.10

MW = Mega watt;
KW = Kilo Watt;